



Inspection Certificate

Project: **Fugitive Emission Type Testing**

Client: **Neles Finland Oy, Vantaa, Finland**

Office: **Helsinki**

Client's Order Number: -

Date: **11 November 2021**

Order Status: **Complete**

Inspection Dates

First: **21 September 2021**

Final: **11 November 2021**

This certificate is issued to **Neles Finland Oy** to certify that the undersigned surveyor did, at their request, attend their works in Vantaa on and between the above dates for the purpose of witnessing fugitive emission type testing on Neles wafer-type butterfly valve described below:

Description:

Butterfly valve, model number LW5DBN06AACAG1D

Nominal size: 6"

Materials: As stated by the Manufacturer on the Test report

Standard: ISO 15848-1:2015 + A1:2017

Scope:

Identified valve model number and verified test set-up.

Witnessed measurements and test as recorded on the Manufacturer's Test report, Appendix .5 "Test log of the type approval test".

Reviewed results of measurements and tests between the witnessed measurements and tests.

Carried out visual examination against drawing and part list upon successful completion of all the measurements and tests.

Reviewed the Manufacturer's Test report, dated 21.10.2021.

Conclusion statement:

On the basis of the above scope of the inspection undertaken, it is considered that the tested valve has qualified the ISO 15848-1:2015+A1:2017 requirements as Performance class of:

ISO FE AH - CO3 - SSA 0 - t400 °C - CL300 - ISO 15848-1

This test extent the qualification to all untested valves meeting the extension criteria of qualification of the standard.

Criteria:	Qualified valve:	Qualification can be extended to valves:
Packing material	Graphite	Graphite
Pressure Class	ASME 300	ASME 150, 300
Stem Diameter	25 mm	12,5 mm to 50 mm
Temperature class	t400°C	+5 °C to +400 °C
Tightness class	AH	AH
Endurance class	CO3	CO3

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LRT102.2016.05
Pekka Liikanen
Surveyor to Lloyd's Register EMEA

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